

PRODUCT INFORMATION

C-Flag Tag Tag SLC25A4 **Target**

AAC1; ANT; ANT 1; ANT1; MTDPS12; MTDPS12A; **Synonyms**

PEO2; PEO3; PEOA2; T1

Human SLC25A4 full length protein-synthetic Description

nanodisc In Stock

Delivery Uniprot ID P12235 **HEK293 Expression Host**

Protein Families Druggable Genome, Transmembrane

Calcium signaling pathway, Huntington's disease, **Protein Pathways**

Parkinson's disease

The human full length SLC25A4 protein has a MW Molecular Weight

of 33.1 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

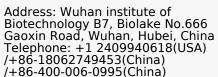
temperature.

The protein functions as a gated pore that translocates ADP from the cytoplasm into the mitochondrial matrix and ATP from the mitochondrial matrix into the cytoplasm. The protein forms a homodimer embedded in the inner mitochondria membrane. Mutations in this

gene have been shown to result in autosomal dominant progressive external opthalmoplegia and familial hypertrophic cardiomyopathy.

Usage Research use only Conjugate Unconjugated

Background



Email: info@dimabio.com Website: www.dimabio.com





ELISA assay to evaluate SLC25A4-Nanodisc 0.2μg Human SLC25A4-Nanodisc per well

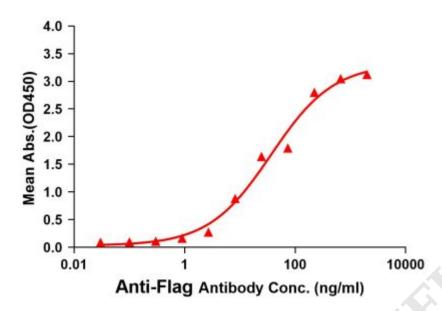


Figure 1. Elisa plates were pre-coated with Flag Tag SLC25A4-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with SLC25A4-Nanodisc is 36.85ng/ml.

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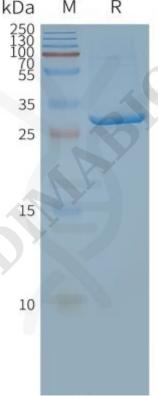


Figure 2. Human SLC25A4-Nanodisc, Flag Tag on SDS-PAGE

